

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,369,617 B2  
APPLICATION NO. : 10/786362  
DATED : May 6, 2008  
INVENTOR(S) : Scott Powell

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Column 8**

Line 17, please replace “a de-interleaver that dc-interleaves the third signal to” **with** -- a de-interleaver that de-interleaves the third signal to --.

**Column 8**

Line 41, please replace “a de-interleaver that dc-interleaves the third signal and a” **with** -- a de-interleaver that de-interleaves the third signal and a --.

**Column 10**

Lines 4-11, please replace current Claim 18:

18. The method of claim 17, wherein step (a) further comprises:
- (a1) using a multi-dimensional signal as the first signal;
  - (a2) directing each dimension of the multi-dimensional first signal along a separate conductor; and
  - (a3) encoding each dimension of the multi-dimensional first signal, wherein steps (b)-(d) are performed for each dimension.

**WITH** Claim 18, as originally filed:

18. The system according to claim 17, wherein:
- a first stage of the de-interleaving system de-interleaves each of the frequency tones of each of the transmission signals and possible error signals combined with the transmission signals during transmission to form third signals;

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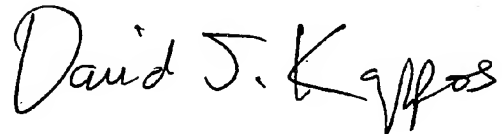
a first stage of the de-multiplexing system combines all the frequency tones for each dimension of the third signal to form a fourth signal;

the second stage of the de-interleaving system de-interleaves each of the fourth signals to form fifth signals; and

a second stage of the de-multiplexing system combines the fifth signals to form a sixth signal.

Signed and Sealed this

Sixth Day of October, 2009

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and a stylized 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*